Applicant(s): Min-su Kim, et al. U.S. Serial No.: 09/994,146

a drain region having second conductive impurity ions spaced apart from the source region at the other end of the insular silicon region;

an insular body region formed in the insular silicon region, the insular body region being disposed between the source and drain regions, a channel being formed on the insular body region;

a body contact region having first conductive impurity ions, the body contact region being in contact with and connected to the source region and the insular body region;

a conductive layer formed on the source region and the body contact region; and a source electrode connected to the body contact region.